

What is Claimed is:

1. An easily disassembled structure of an auxiliary lock, comprising:

a housing having a hole and a protrusion radially and inwardly formed on a periphery of the hole;

a shaft having various cross-sectional areas, the shaft being adapted to be inserted into the hole of the housing;

a longitudinal groove formed on an exterior of the shaft;

a circumferential groove formed on the exterior of the shaft, the circumferential groove being in communication with the longitudinal groove to provide engagement with the protrusion on the housing;

an axial hole axially formed in the shaft;

a cover having a hole aligned with the hole of the housing for allowing the shaft to pass therethrough;

a knob having an axle portion;

an axial hole axially formed in the knob for allowing the shaft to be inserted therein;

a threaded hole transversely formed in the axle portion of the knob; and

a screw being adapted to be screwed into the threaded hole of the axle portion of the knob to fasten the shaft with the knob.

2. The easily disassembled structure of an auxiliary lock according to Claim 1, wherein the housing has an inner ring axially formed adjacent to the periphery of the hole, of which the inner ring has a cut-out and two notches formed adjacent to the cut-out with the two notches being spaced apart from each other in light of the cut-out, and wherein the structure further comprises a positioning member having two ends

adapted to be respectively disposed in the two notches.

3. The easily disassembled structure of an auxiliary lock according to Claim 1, wherein the housing has two posts spaced apart from each other with each of the posts having a through hole for allowing a screw to be threaded therethrough.

4. The easily disassembled structure of an auxiliary lock according to Claim 1, wherein the cover is in a shape of a disk, the cover further has a circumstantial sidewall and an engaging portion formed thereon, and wherein the housing has positioning portion being adapted to engage with the engaging portion of the cover.

5. The easily disassembled structure of an auxiliary lock according to Claim 2, wherein the shaft has a first section and a second section, of which the circumferential groove is formed between the first section and the second section, the longitudinal groove is formed on the second section, and the circumferential groove is in communication with the longitudinal groove.

6. The easily disassembled structure of an auxiliary lock according to Claim 5, wherein the shaft further comprises a third section, a first surface and a second surface, of which the third section is formed between the first section and the circumferential groove, and the first surface and the second surface are adjacent to the first section.

7. The easily disassembled structure of an auxiliary lock according to Claim 6, wherein the positioning member is adapted to be selectively in contact one of the first surface and the second surface.

8. The easily disassembled structure of an auxiliary lock according to Claim 7, wherein the axial hole of the knob has a plurality of spaced grooves formed on an inner wall of the axial hole to be in communication with the axial hole for allowing the second section of the shaft to engaget with the axle

portion.

9. The easily disassembled structure of an auxiliary lock according to Claim 1, further comprising a washer provided between the cover and the axle portion of the knob.